

Mattia D'Urso

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github.com/mattiadurso
Main languages: Python, R

Education

- Oct 2020 - **Master's of Science in Artificial Intelligence and Cybersecurity**,
Oct 2022 University of Studies of Udine (Italy) and Alpen-Adria-Universität Klagenfurt (Austria).
GPA: 29.2/30
- Oct 2017 - **Bachelor's of Science in Internet of Things, Big Data and Web**,
Oct 2020 University of Studies of Udine (Italy).
- **Bachelor's Thesis:** "*Classification of web users by shallow inspection of packets and Deep Learning techniques*"

Experiences

- Mar 2021 – **Research**, Artificial Vision and Real-Time Systems (AViReS) Lab, under supervision of Prof. Gian Luca Foresti and in collaboration with the European Defence Agency (EDA), the European Union, the Italian Ministry for the University and Research (MIUR), the Italian Ministry for Defence (MoD).
- Develop a deep learning model for flying with drones using computer vision.
- Jul 2020 – **Research**, University of Studies of Udine, under supervision of Prof. Claudio Piciarelli.
- Sep 2020
 - Optimized our supervised deep learning model for classification of web users on a dataset of 6M+ of TCP/IP packets.
 - Increased the accuracy of the model by 42% by hyperparameters fine tuning.

Skills

- **Languages:** Python, R, L^AT_EX, Java, SQL
- **Libraries:** Pytorch, NumPy, dplyr, tidyverse, ggplot2

Research Interests

- **Computer Vision**
- **Deep Learning**

Leadership and Awards

- Oct 2018 - **Student representative**, report to the Board of department and solved dozens of Oct 2021 students problems of any kind.
- Jan 2018 - **Professional photographer**, worked independently and as a team in weddings and Today other events.